

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-007208**Date Inspected:** 28-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Li Jia	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG and Tower				

Summary of Items Observed:

OBG Trial Assembly area-

QA Inspector observed the following work in progress: FCAW welding of weld joint 002 located on TR2A-PP022. ZPMC welder was identified as 250534. ZPMC QC is identified as Li Jia. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2331-TC-P4-F.

Bay 10-

QA Inspector observed the following work in progress: SAW welding of weld joint 3A located on North Tower Lift 2 NSD1-TL 8 B/L. ZPMC welder was identified as 040489. ZPMC QC is identified as Li Ming. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-C-U2b-S-2.

Bay 19-

This QA inspector performed Ultrasonic Testing (UT) of approximately 50% of the area previously tested and accepted by ZPMC Quality Control personnel. Testing was performed from Face C with a 45 degree joint configuration. This QA Inspector generated an UT report for this date. The members were identified as OBG Suspenders Brackets SB006-020, SB006-024, SB003-026 and SB002-020. The weld identification number was as follows: SB006-020-001, SB006-024-001, SB003-026-001, SB002-020-001

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Only general between QA and QC occurred this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod, 134 8257 0045, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
